

MILES D. LUCAS

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EDUCATION

University of Hawai'i at Mānoa
Institute for Astronomy

August 2019 - Present

Iowa State University of Science and Technology
College of Liberal Arts and Sciences

August 2015 - May 2019

Magna Cum Laude

B.S. Physics (GPA 3.8/4.0)

May 2019

Minor in Astronomy, Minor in Computer Science

SELECTED PUBLICATIONS

- [1] C. M. Lisse et al. “HD 145263: Spectral Observations of Silica Debris Disk Formation via Extreme Space Weathering?” In: *arXiv e-prints*, arXiv:2003.06870 (Mar. 2020), arXiv:2003.06870. arXiv: 2003.06870 [astro-ph.SR].
- [2] T. L. Campante et al. “TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949”. In: 885.1, 31 (Nov. 2019), p. 31. DOI: 10.3847/1538-4357/ab44a8. arXiv: 1909.05961 [astro-ph.SR].
- [3] D. Huber et al. “A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS”. In: 157.6, 245 (June 2019), p. 245. DOI: 10.3847/1538-3881/ab1488. arXiv: 1901.01643 [astro-ph.EP].

POSITIONS HELD

University of Hawai'i at Mānoa

Teaching Assistant, *Astr 300, Astr 300L, Astr 301, Astr 110L*

August 2019 - May 2020

National Radio Astronomy Observatory

REU Research Assistant, *Advisor: Kumar Golap*

May 2018 - August 2018

Iowa State University of Science and Technology

Undergraduate Research Assistant, *Advisor: Massimo Marengo*

May 2017 - July 2019

Undergraduate Research Assistant, *Advisor: Matthew Wetstein*

January 2017 - July 2019

TECHNICAL SKILLS

Programming Languages Python, Julia, C++, C

Software & Tools Git, GitHub, L^AT_EX, Excel, Heroku,

Observing Subaru HDS (3 nights, non-PI), IRTF SpeX (1 night, non-PI),
Keck NIRC2 (1 night, non-PI)

HONORS, AWARDS, AND ACHIEVEMENTS

Iowa Space Grant Undergraduate Research Fellow

Fall 2018-Spring 2019

NASA Astronomy Photo of the Day

July 13, 2018

Iowa Space Grant Undergraduate Research Fellow

Fall 2017-Spring 2018

ISU College of Liberal Arts and Sciences Dean's List

Fall 2015, Fall 2016-Spring 2019

ISU Aerospace Engineering “Lighter than Air” competition winner
ISU College of Engineering Dean’s List
Boy Scouts of America Life Scout Award

Spring 2016
Fall 2015
Fall 2010